0	For receiving Office use only		
0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
0-4	Form PCT/RO/101 PCT Request		
	•		
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.51.002.177 MT/FOP 20060101/0.20.4rc.2.7	
0-5	Petition		
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)	
0-7	Applicant's or agent's file reference	KMF2004-03:	
l	Title of Invention	PIEZOELECTRIC SINGLE CRYSTAL AND PIEZOELECTRIC SINGLE-CRYSTAL DEVICE AND METHOD FOR MANUFACTURING THE SAME SAME	
1)	Applicant		
II-1	This person is	applicant only	
II-2	Applicant for	all designated States except US	
11-4	Name	JFE MINERAL COMPANY, LTD.	
II-5	Address	1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 1000005 Japan	
II-6	State of nationality	15	
11-7	State of residence	JP	

IB-1	Applicant and/or inventor		
III-1-1	This person is	applicant and inventor	
III-1-2	Applicant for	US only	
III-1-4	Name (LAST, First)	MATSUSHITA, Mitsuyoshi	
III-1-5	Address	c/o Research Laboratory of JFE MINERAL COMPANY, LTD., 1 Niihama-cho, Chuo-ku, Chiba-shi, Tokyo 2600826	
III-1 <b>-</b> 6	State of nationality	JP	
III-1-7	State of residence	JP	
III-2	Applicant and/or inventor		
III-2-1	This person is	applicant and inventor	
111-2-2	Applicant for	US only	
111-2-4	Name (LAST, First)	IWASAKI, Yosuke	
III-2-5	Address	c/o Research Laboratory of JFE MINERAL COMPANY, LTD., 1 Niihama-cho, Chuo-ku, Chiba-shi, Tokyo 2600826 Japan	
III-2-6	State of nationality	1b	
III-2-7	State of residence	JP	
IV-1	Agent or common representative; or address for correspondence  The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent	agent	
IV-1-1	International Authorities as: Name (LAST, First)		
IV-1-2	Address	OCHIAI, Kenichiro c/o Intellectual Property Dept. JFE STEEL CORPORATION, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 1000011 Japan	
IV-1-3	Telephone No.	03-3597-3439	
IV-1-4	Facsimile No.	03-3597-3445	
v	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		

VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	14 October 2003 (14.10.2003)	
VI-1-2	Number	2003-353687	
VI-1-3	Country	JP	
VII-1	International Searching Authority Chosen	Japan Patent Office (ISA/JP)	
VIII	Declarations	Number of declarations	
VII⊢1	Declaration as to the identity of the inventor	-	
VII⊢2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent		
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	1	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VII∔5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

	Declaration: Entitlement to claim priority		
	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))	in relation to this international application	
	Name	JFE MINERAL COMPANY,LTD.  is entitled to claim priority of earlier application No. 2003-353687 by virtue of the following:	
VIII-3-1( viii)		the applicant's name changed from KAWATETSU MINING CO., LTD. to JFE MINERAL COMPANY, LTD. on 18 August 2004 (18.08.2004)	
	This declaration is made for the purposes of:	all designations	

X	Check list	number of sheets	electronic file(s) attached
X-1	Request (including declaration sheets)	5	
X-2	Description	48	_
X-3	Claims	5	-
X-4	Abstract	1	1
<b>K-5</b>	Drawings	6	-
<b>(-7</b>	TOTAL	65	<del> </del>
	Accompanying Items	paper document(s) attached	electronic file(s) attached
( <del>-</del> 8	Fee calculation sheet	✓	-
(-9	Original separate power of attorney	✓	=
<b>(-17</b>	PCT-SAFE physical media	-	✓
(-18	other	#######################################	
(-18	other	#######################################	
(-19	Figure of the drawings which should accompany the abstract	6	
(-20	Language of filing of the international application	Japanese	
-1	Signature of applicant, agent or common representative		
-1-1	Name (LAST, First)	OCHIAI, Kenichiro	
-1-2	Name of signatory		
-1-3	Capacity		

### FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	